

NATIONAL 5 APPLICATIONS STATISTICS AND FINANCE

You should use this help sheet during revision to ensure that you have covered all aspects of the course.

All aspects should have been revised before your assessment and the dates written in the column.

Remember, if you are stuck then you must come and see a teacher at lunchtime for help.

Key: “Int 2” means Maths in Action Intermediate 2 Textbook (green and orange cover)

| I can... | Helpful page numbers and notes | Dates Attempted | |
|--|---|-----------------|--|
| Plan a budget using incomings and outgoings | Notes P 56-58 MIA Textbook P174 http://www.bbc.co.uk/education/guides/znbnm39/revision | | |
| Calculate basic pay | Int 2 P263/ Notes P 58/ MIA Textbook P1 http://www.bbc.co.uk/education/guides/zsgxsbk/revision/1 | | |
| Calculate overtime | Int 2 P264/Notes P 59/ MIA Textbook P3 http://www.bbc.co.uk/education/guides/zsgxsbk/revision/3 | | |
| Calculate bonus and commission | Int 2 P266/ Notes P60/ MIA Textbook P4-5 http://www.bbc.co.uk/education/guides/zsgxsbk/revision/2 | | |
| Calculate National Insurance | Notes P 61 / MIA Textbook P9-11 | | |
| Calculate Income Tax | P270/ Notes P 60/ MIA Textbook P6-9 | | |
| Calculate pension contributions | http://www.bbc.co.uk/education/guides/zc8sgk7/revision | | |
| Complete a payslip | http://www.bbc.co.uk/education/guides/zsgxsbk/revision/4 | | |
| Compare three products to work out which is the best buy | Notes P 62/MIA Textbook P79 http://www.bbc.co.uk/education/guides/zfr6fg8/revision | | |
| Convert between currencies | Credit Bk 2 P35 Q10/MIA Textbook P62/Notes P 63 – 66 http://www.bbc.co.uk/education/guides/zyctyrd/revision | | |
| Calculate repayments for loans | Int 2 P272 – 275/ Notes P 68 -71/ MIA Textbook P72 | | |
| Calculate interest on savings | Notes P66 – 68/ MIA Textbook P67 http://www.bbc.co.uk/education/guides/z3kn9q/revision | | |
| Calculate interest on credit cards | Int 2 P276 – 277/ Notes P71/ MIA Textbook P76 | | |
| Calculate the probability of an event happening | Int 2 P177/ MIA Textbook P226/Notes P 24 http://www.bbc.co.uk/education/guides/z4q39j6/revision | | |
| Calculate the expected frequency based on probability | Int 2 P179/ MIA Textbook P226/Notes P 24 http://www.bbc.co.uk/education/guides/z4q39j6/revision | | |
| Use a variety of statistical information presented in different diagrams. | Int 2 P 134- 137 MIA Textbook P112 http://www.bbc.co.uk/education/guides/zb8sgk7/revision | | |
| Read from a scattergraph | http://www.bbc.co.uk/education/guides/zb8sgk7/revision/7 | | |
| Construct a scattergraph | Int 2 P176 Q3 onwards (a) only. | | |
| Draw a line of best fit (you do not need to find the equation of the straight line in N5 Lifeskills) | Int 2 P176 Q3 onwards. Line of best fit question only. http://www.bbc.co.uk/education/guides/zb8sgk7/revision/8 | | |
| Use a line of best fit | http://www.bbc.co.uk/education/guides/zb8sgk7/revision/8 | | |
| Construct a five figure summary | Int 2 P151 | | |
| Use a five figure summary to construct a box plot | Int 2 P 152-154 http://www.bbc.co.uk/education/guides/zgdfr82/revision | | |
| Calculate mean | MIA P 89/ http://www.bbc.co.uk/education/guides/zrwydm/revision | | |
| Calculate median | MIA P 89/ http://www.bbc.co.uk/education/guides/zrwydm/revision | | |
| Calculate range | MIA P89/ http://www.bbc.co.uk/education/guides/zrwydm/revision | | |
| Calculate inter-quartile range | MIA P93-94 http://www.bbc.co.uk/education/guides/zgdfr82/revision/2 | | |
| Calculate semi-interquartile range | Int 2 P155 MIA P 93-94 | | |
| Calculate standard deviation | Int 2 P171 http://www.bbc.co.uk/education/guides/zcjv4wx/revision | | |

“MIA” means Maths in Action National 5 Lifeskills Textbook (green cover with pencils)

“Notes” means National 5 Lifeskills notes on Wikispace.